

Amendments to the Claims:

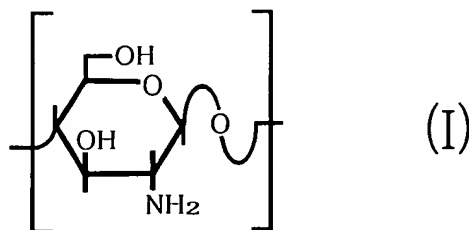
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): ~~A liquid~~An endoscopic surgery composition for ~~bulging mucous membrane in endoscopic surgery comprising a chitosan derivative containing~~that contains carbohydrate chains and is present in an amount effective to bulge a mucous membrane in endoscopic surgery, and a physiologically acceptable liquid carrier.

Claim 2 (currently amended): A composition according to Claim 1, ~~characterized in that it comprises~~ comprising 0.5 to 8.0% by weight of ~~the said~~ the said chitosan derivative ~~containing carbohydrate chains.~~

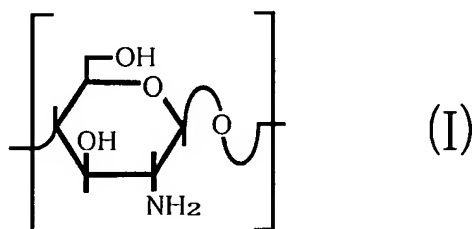
Claim 3 (currently amended): A composition according to Claim 1, characterized in that ~~the said~~ the said chitosan derivative ~~containing carbohydrate chains~~ is a polymer ~~formed from a chitin/chitosan~~ comprising repeating glucosamin units represented by the following formula (I):



~~by incorporating~~wherein a carbohydrate chain having a reducing terminal is

~~bonded to at least a part of the 2-position amino group groups in the~~ of one of said
~~glucosamin units of the chitin/chitosan.~~

Claim 4 (currently amended): A composition according to Claim 1,
characterized in that ~~the said~~ chitosan derivative ~~containing carbohydrate chains~~ is a
polymer ~~formed from a chitin/chitosan comprising~~ repeating glucosamin units
represented by the following formula (I):



~~by incorporating wherein~~ a carbohydrate chain having a reducing terminal is
~~bonded to at least one part of the 2-position amino group groups in of the one of said~~
~~glucosamin units of the chitin/chitosan, and incorporating a photoreactive group is~~
~~bonded to at least another part of the 2-position amino group groups of another of~~
~~said the glucosamin units of the chitin/chitosan.~~

Claim 5 (currently amended): A composition according to Claim 3 ~~or 4~~,
characterized in that ~~the said~~ carbohydrate chain is derived from a compound
selected from the group consisting of: pentoses or hexoses ~~pentaoses or hexaoses~~
~~such as glucose, fructose, galactose, fucose, mannose, arabinose, xylose,~~
~~erythrose, heptulose and hexulose; amino carbohydrates such as glucosamin, N-~~
~~acetylglucosamin and galaesamin; carbohydrate derivatives such as uronic acids~~
~~and deoxysaccharides; di-~~ disaccharides or and-trisaccharides, and combinations

~~thereof such as maltose, isomaltose, lactose, melibiose and maltotriose.~~

Claim 6 (currently amended): A Composition composition according to Claim 4, characterized in that ~~the~~said photo-reactive group is selected from the group consisting of: a carbonylazide group, a sulfonylazide group, an aromatic azide group, and a formyl styryl group, and combinations thereof.

Claim 7 (currently amended): A composition according to Claim 1, characterized in that ~~the~~said chitosan derivative further contains an amphipathic group.

Claim 8 (currently amended): A composition according to ~~any one of Claims 1 to 7~~Claim 1, characterized in that it ~~is~~ said composition is sterilized with an autoclave.

Claim 9 (currently amended): An endoscopic system comprising a device for injecting the composition of ~~any one of Claims 1 to 8~~Claim 1 into a targeted portion of said mucous membrane.

Claim 10 (currently amended): An endoscopic system according to Claim 9, further comprising a device for irradiating light ~~to the injected composition~~ with light.

Claim 11 (new): A composition according to Claim 5 wherein said pentoses and hexoses are selected from the group consisting of: glucose, fructose, galactose,

fucose, mannose, arabinose, xylose, erythrose, hepturose, hexylose, and combinations thereof.

Claim 12 (new): A composition according to Claim 5 wherein said amino carbohydrates are selected from the group consisting of: glucosamin, N-acetylglucosamin, galacsamin, and combinations thereof.

Claim 13 (new): A composition according to Claim 5 wherein said carbohydrate derivatives are selected from the group consisting of: uronic acids, deoxysaccharides, and combinations thereof.

Claim 14 (new): A composition according to Claim 5 wherein said disaccharides and trisaccharides are selected from the group consisting of: maltose, isomaltose, lactose, melibiose, maltotriose, and combinations thereof.

Claim 15 (new): A composition according to Claim 4, characterized in that said carbohydrate chain is derived from a compound selected from the group consisting of: pentoses or hexoses; amino carbohydrates; carbohydrate derivatives; disaccharides or trisaccharides, and combinations thereof.

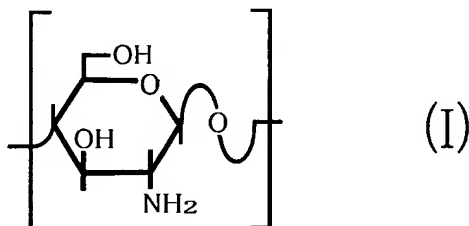
Claim 16 (new): A method of conducting endoscopic surgery comprising:
targeting mucous membrane of a patient that is in need of bulging during endoscopic surgery;
administering to said targeted mucous membrane a composition comprising a

chitosan derivative containing carbohydrate chains; and

bulging said targeted mucous membrane as a result of administration of said composition.

Claim 17 (new): A method according to Claim 16 wherein said composition comprises a physiologically acceptable liquid carrier and 0.5 to 8.0% by weight of said chitosan derivative.

Claim 18 (new): A method according to Claim 16 wherein said chitosan derivative is a polymer comprising repeating glucosamin units represented by the following formula (I):



wherein a carbohydrate chain having a reducing terminal is bonded to the 2-position amino group of one of said glucosamin units.

Claim 19 (new): A method according to Claim 18 wherein a photoreactive group is bonded to the 2-position amino group of another of said glucosamin units.

Claim 20 (new): A method according to Claim 19 wherein said photoreactive group is selected from the group consisting of: a carbonylazide group, a sulfonylazide group, an aromatic azide group, a formyl styryl group, and

combinations thereof.

Claim 21 (new): A method according to Claim 18 wherein said chitosan derivative further contains an amphipathic group.

Claim 22 (new): A method according to Claim 19 comprising irradiating said composition with light during surgery.

Claim 23 (new): A method according to Claim 16 wherein said composition is administered by injection.